This Page Is Inserted by IFW Operations and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

As rescanning documents will not correct images, please do not report the images to the Image Problem Mailbox.

DECLARATION, POWER OF ATTORNEY, AND PETITION FOR PATENT APPLICATION

Applicanti

William Silver, Aaron S. Wallack, Adam Wagman

Atty. Docket No.

C97-050

Seriai No.:

09/001.369

Filed:

December 31, 1997

For:

FAST HIGH-ACCURACY MULTI-DIMENSIONAL PATTERN

INSPECTION

DECLARATION

As a below-named inventor. Thereby declare than

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first, and sole inventor (if only one name is listed below) or, the below named inventors are the original. first and joint inventors (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

FAST HIGH-ACCURACY MULTI-DIMENSIONAL PATTERN INSPECTION the specification of which (check one)

	is attached hereto.
NZ.	was filed on December 31, 1997 as Application Serial No. 09/001,869.

I do not know and do not believe that the subject matter of this application was ever known or used in the United States before my invention thereof or patented or described in any printed publication in any country before my invention thereof or more than one year prior to the date of this application;

that said subject matter has not been patented or made the subject of an issued inventor's certificate in any country foreign to the United States on an application filed by me or my legal representatives or assigns more than twelve months prior to the date of this application:

that I acknowledge my duty to disclose information of which I am aware which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a):

that no application for patent or inventor's certificate on the subject matter of this application has been filed by me or my representatives or assigns in any country foreign to the United States, except those identified below; and

that I have reviewed and understand the contents of the specification, including the claims as amended by any amendment referred to herein.

POWER OF ATTORNEY

As a named inventor. Thereby appoint the following atterney(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Russ Weinzimmer, Esq. Registration No. 36.717

Send correspondence to:

Russ Weinzimmer, Esq. Cognex Corporation One Vision Drive Natick, MA 01760

Direct telephone sails to:

Russ Weinzimmer at 508-650-3154

Direct fax transmissions to:

508-550-3329 Attention: Russ Weinzimmer, Esq.

PETITION FOR PATENT APPLICATION

Wherefore I petition that letters patent be granted to me for the invention or discovery described and claimed in the attached specification and claims, and hereby subscribe my name to said specification and claims and to the foregoing declaration, power of attorney, and this petition.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Fuil Name of first inventor. William Silver
Inventor's Signature: Date Transfer
Residence: 25 Arrowhead Road. Weston, MLA 02193
Citizenship: United States
Post Office Address (if different::
Full Name of second inventors Associated Wallesia
Full Name of second inventor: Auron Wallack
Inventor's Signature: Date: 3 7.2 93
Residence: 9 Penasoule Line Natich Ma 61765
Citizenship: US
Post Office Address (if different):
Full Name of third inventor: Adam Wagman
Inventor's Signature: Olan Wagnan Date: 3 June 18
Inventor's Signature: <u>Alan Wagnan</u> Date: <u>3 June 18</u> Residence: 1550 Worketer Rd #101 Franklyhan, MA 01702
Citizenship: USA
Post Office Address (if different):

PTO/SB/81 (06-03)
Approved for use through 11/30/2005. OMB 0651-0035

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

POWER OF ATTORNEY and CORRESPONDENCE ADDRESS INDICATION FORM

red to respond to a collection of info	rmation unless it displays a valid OMB control number.
Application Number	
Filing Date	Filed herewith
First Named Inventor	Silver
Title	Fast Pattern Inspection
Art Unit	2521
Examiner Name	Mariam
Attorney Docket Number	C97-050_CON2

I herei	y appoint:			7		
	Practitioners at Customer Number:					
C)R	<u> </u>		·		
~	Practitioner(s) named below:					
		Name	Registration Number			
	Russ Weinzimmer		36,717			
	Arthur J. O'Dea		42,952			
					7	
		·			7	
as my. Tradei	our attorney(s) or agent(s) mark Office connected the	to prosecute the application identified rewith.	above, and to trans	act all business in the United States Patent a	nd	
Please	e recognize or change the	correspondence address for the above	-identified applicatio	on to:		
	The above-mentioned (Customer Number:				
	OR	<u></u>				
~	The address associate	d with Customer Number:	59			
	OR					
Firm or Individual Name						
	Address					
	Address					
	City		State	Zip		
	Country		161			
	Telephone		Fax	<u> </u>		
am the:						
Applicant/Inventor.						
Assignee of record of the entire interest. See 37 CFR 3.71. Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)						
SIGNATURE of Applicant or Assignee of Record						
Name Adam Wagman						
Signature Olion Wigner						
Date	9/8/2003		 	Telephone (503)877-1952		
NOTE. Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.						
V	Total of3 forms are submitted.					

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/81 (06-03)

Approved for use through 11/30/2005. OMB 0551-0035 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

POWER OF ATTORNEY and CORRESPONDENCE ADDRESS INDICATION FORM

Application Number	
Filing Date	Filed herewith
First Named Inventor	Silver
Title	Fast Pattern Inspection
Art Unit	2621
Examiner Name	Mariam
Attorney Docket Number	C97-050 CON2

I hereby appoint:					
Practitioners at Customer Number:					
OR				•	
Practitioner(s) named below:					
Name		Registration Number			
Russ Weinzimmer		36,717			
Arthur J. O'Dea		42,952			
as my/our attorney(s) or agent(s) to prosecu Trademark Office connected therewith.	te the application identified a	bove, and to trans	act all business in	n the United States Patent and	
Please recognize or change the correspondence address for the above-identified application to: The above-mentioned Customer Number:					
OR	[
The address associated with Custo	00450				
OR					
Firm or Individual Name					
Address					
Address					
City		State		Zip	
Country		1 1			
Telephone I am the:	•	Fax			
Applicant/Inventor. Assignee of record of the entire interest. See 37 CFR 3.71. Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)					
SIGNATURE of Applicant or Assignee of Record					
Name ////////////////////////////////////	IVer				
Signature / / / / / / / /		· · · · · · · · · · · · · · · · · · ·			
Date 850 + 20	۶٦.		Telephone	508-650-3231	
NOTE: Signatures of all the inventors or assignees forms if more than one signature is required, see b	s of record of the entire interest o elow*.	r their representative	(s) are required. Sub	bmit multiple	
*Total of 3 forms are su	hmitted				

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/81 (06-03)

Approved for use through 11/30/2005. OMB 0651-0035 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

POWER OF ATTORNEY and CORRESPONDENCE ADDRESS INDICATION FORM

Application Number	mination driess it displays a valid ONB control number
Filing Date	Filed herewith
First Named Inventor	Silver
Title	Fast Pattern Inspection
Art Unit	2621
Examiner Name	Mariam
Attorney Docket Number	C97-050 CON2

I hereby	appoint:					
	ractitioners at Customer Number:					
OR	!	L			-92-	
✓ P.	Practitioner(s) named below:					
	Name		Registration Number			
	Russ Weinzimmer		36,717			
	Arthur J. O'Dea		42,952			
						
as my/oi Tradema	ur attorney(s) or agent(s) to prosecu ark Office connected therewith.	te the application identified	above, and to trans	sact all business	s in the United States Patent and	
Please r	Please recognize or change the correspondence address for the above-identified application to: The above-mentioned Customer Number:					
O	0					
$\overline{}$	π	004	E0			
	The address associated with Custo	omer Number: 234				
O.	R					
Firm or						
<u> </u>	Individual Name					
	ddress		I stee		7:-	
	ountry		State		Zip	
	elephone	•	Fax	*		
I am the			l av			
V	Applicant/Inventor.				· .	
Assignee of record of the entire interest. See 37 CFR 3.71. Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)						
SIGNATURE of Applicant or Assignee of Record						
Name	Agres Wallac	K				
Signatur						
Date	91312003	ii.		Telephone	508-650-3261	
NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.						
*Total of3 forms are submitted.						

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.